



REQUEST FOR DECISION

SUBJECT: **ARO Landfills – Nuisance Ground Presentation**

SUBMISSION TO: COMMITTEE OF THE WHOLE REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 17, 2025 CAO: MANAGER:

DEPARTMENT: ENVIRONMENTAL SERVICES DIR: RA PRESENTER: ZS

STRATEGIC PLAN: Economy LEG: SS

RELEVANT LEGISLATION:

Provincial (cite) – N/A

Council Bylaw/Policy (cite) – N/A

RECOMMENDED ACTION:

MOTION: That Committee of the Whole accept the presentation on ARO Landfills and Nuisance Ground, for information.

BACKGROUND/PROPOSAL:

Over the past year and a half, Administration has been gathering information on historical landfill sites. Out of the 16 sites that Administration has identified, one was presented from Alberta Environment and Protected Areas (AEPA), three sites were brought to our attention by Greenview local ratepayers, and the other twelve from Greenview's historical records.

Upon further investigation of these sites, Administration in collaboration with AEPA and our consultant, Omni-McCann Geoscience, discovered that due to the historical nature of each site's approved closure style, certain sites are now classified as 'contaminated grounds' rather than landfills.

Table 1. Summary of Sites

Site Name	Land Location	Current Usage
Sandy Bay	NW-9-71-23-W5M	Transfer Station (DML)
Old Little Smoky	NW-19-66-21-W5M	Vacant
Old Sturgeon	SW-29-70-24-W5M	Vacant
DeBolt	SE-2-72-1-W6M	Transfer Station/Class III Landfill
Puskwaskau	NE-36-74-26-W5M	Transfer Station (DML)
Sweathouse	SE-4-70-19-W5M	Transfer Station (DML)
Old Sunset house	NE-35-70-20-W5M	Vacant
Sunset House	NE-23-70-21-W5M	Class III Landfill/Transfer Station
New Fish Creek	SW-16-72-21-W5M	Class III Landfill/Transfer Station
Little Smoky	SE-13-66-22-W5M	Transfer Station
Sturgeon Heights	SE-13-70-25-W5M	Transfer Station
Grovedale	NE-22-69-6-W6M	Transfer Station
South Wapiti	NE-34-69-8-W6M	Transfer Station (DML)
RR260	SE(11)-26-71-26-W5M	Vacant
Muskeg	NE-18-57-5-W6M	Vacant (DML)

Based on the table above, the New Fish Creek Class II Landfill never existed (according to AEPA), however, it is confirmed as a transfer station and Class III Landfill. Sturgeon Heights Class II Landfill is confirmed by AEPA to have its Closure Certificate and Reclamation Certificate; this is the only facility for which Greenview has these certificates.

For the following contaminated sites listed below:

- Old Little Smoky nuisance ground;
- Old Sunset House nuisance ground;
- Old Sturgeon Heights nuisance ground;
- RR 260 Crooked Creek nuisance ground;
- DeBolt East nuisance ground;

Greenview will be discussing with AEPA Contaminated Sites Division, out of Edmonton, on how to proceed with closure and reclamation certificates for all. At this time, this is still under investigation.

Sandy Bay Class II Landfill (DML) closed in 2019 and Puskwaskau Class II Landfill (DML) closed in 2018; these sites are going to be held to the 2010 Standards for Landfills in Alberta Closure Plan. Both of these sites will require a 25-year monitoring status once the closure plan is approved.

The 7 remaining sites are going to be based on a hybrid closure/post-closure, site-by-site approval from AEPA. This is a new system that has not been done before with AEPA, that Greenview is spearheading in collaboration with AEPA. Due to Greenview being proactive and taking initiative, AEPA has become open to the hybrid discussion in where, according to regulation, they are *not* required to do so. AEPA has also offered their complete record history of these sites, inclusive, to assist Greenview's record keeping. This will aide with long-term monitoring of the sites and accurate record keeping.

Transfer Stations

Due to the Landfill Class II locations with transfer stations built on top, there will be a strategic plan of action on how to accomplish the goals set out in the attached letter and not directly impact the usefulness of the transfer stations. This will not impact the level of service that current transfer stations provide. According to AEPA, all water on locations, whether in pits or otherwise, will be removed from site and monitored as per their direction.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of Committee of the Whole accepting the recommended motion is to be informed regarding Greenview's ARO responsibilities.
2. The benefit of accepting the recommended motion is that Committee of the Whole will have answers for ratepayer questions, when construction commences on these sites.

DISADVANTAGES OF THE RECOMMENDED ACTION:

There are no perceived disadvantages to the recommended motion.

ALTERNATIVES CONSIDERED:

As this is an informational item, no alternatives have been considered.

FINANCIAL IMPLICATION:

There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

There are no follow up actions to the recommended motion.

ATTACHMENT(S):

- Omni-McCann Letter to AEPA
- CO #1 – CO #4
- ARO Landfill project GANTT Chart (excel version)